



MASTECH MS8221C Auto Range Digital Multimeter User Guide

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MASTECH MS8221C Auto Range Digital Multimeter



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Special attention should be paid when using the test and measurement instrument because the improper usage may cause electric shock and damage the equipment.

- Use proper measurement category (CAT), voltage, and amperage rated probes, test leads, and adapters for the measurement.
- Do not use or store the device around explosive gas, vapor, or under high temperature and humidity.
- When handling the test probes and crocodile clips, keep your fingers behind the physical guard.
- Examine the measuring test leads (if present) before use. Any element of which the insulation is deteriorated (even partially), replace them with proper functional test leads.
- Connect the common test lead before the live test lead and remove the live test lead before the common test lead.
- Before measuring current, make sure the instrument fuses available and disconnect the power supply to the circuit test
- Remove the batteries if the device is not used for an extended period of time, or if stored in temperatures above 45 °C. If the batteries are not removed, battery leakage can damage the device.

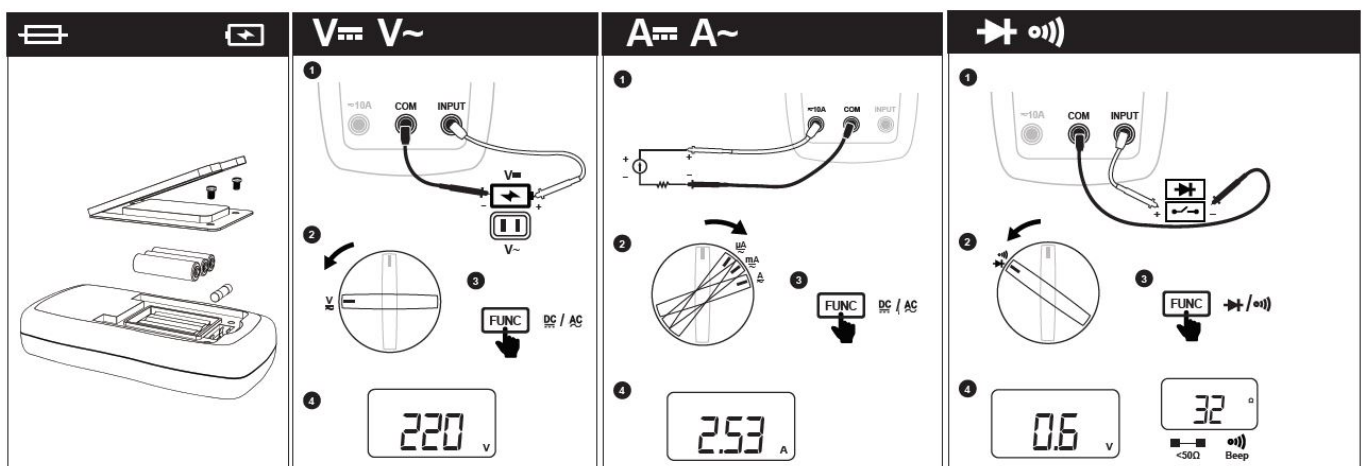
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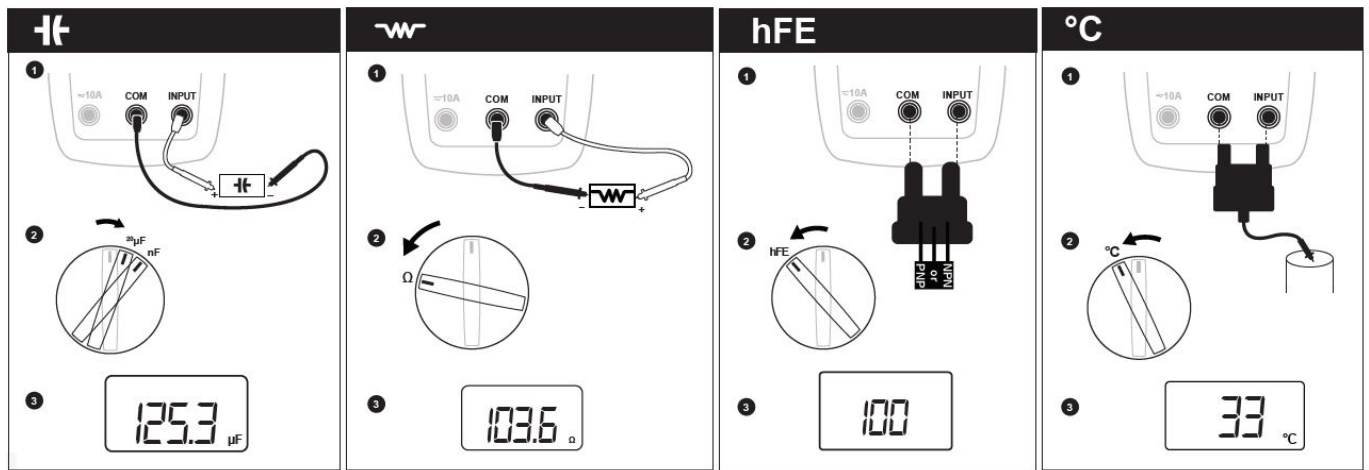


Specifications

V_~	200mV/2V/20V/200V 600V	0.1mV/0.001V/0.01V/0.1V 1V
V₌₌	200mV/2V/20V/200V 600V	0.1mV/0.001V/0.01V/0.1V 1V
A_~	200μA/2000μA 20mA/200mA 2A/10A	0.1μA/1μA 0.01mA/0.1mA 0.001A/0.01A
A₌₌	200μA/2000μA 20mA/200mA 2A/10A	0.1μA/1μA 0.01mA/0.1mA
	0.001A/0.01A	
R	200Ω kΩ/20kΩ/200kΩ/2MΩ 20MΩ	0.1Ω 0.001Ω/0.01Ω/0.1Ω/0.001kΩ 0.01kΩ
C	2nF/200nF/2μF/20μF 200μF/1000μF	0.01nF/0.1nF/0.001μF /0.01μF 0.1μF/1μF
°C	-20°C ~ 0°C 1°C ~ 400°C 401°C ~ 1000°C	1°C 1°C 1°C

USER GUIDE





Documents / Resources

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